

NEW
ARTISTRY
IN RADIATOR
CONCEALMENT



Established
1846

NEW ARTISTRY IN RADIATOR CONCEALMENT

Trade Mark registered in U. S. Patent Office.



TUTTLE & BAILEY MFG CO.

441 LEXINGTON AVE.

NEW YORK

CHICAGO
407 S. Dearborn Street

BOSTON
36 Portland Street

KANSAS CITY
704 East 18th Street

SAN FRANCISCO
942 Phelan Bldg.

Representatives in all principal cities

Factories

BROOKLYN, N. Y.
U. S. A.

BRIDGEBURG, ONT.
Canada

Makers of Heating and Ventilating Specialties for 83 Years

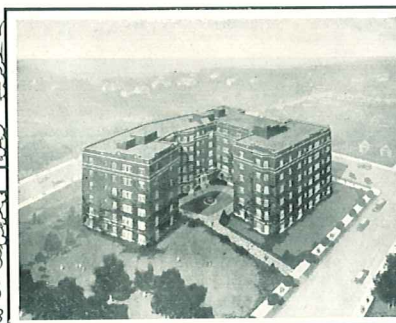
Printed in U. S. A.

Form No. R.C.-25

Copyright 1929, Tuttle & Bailey Mfg. Co.



192 East 75th Street
New York



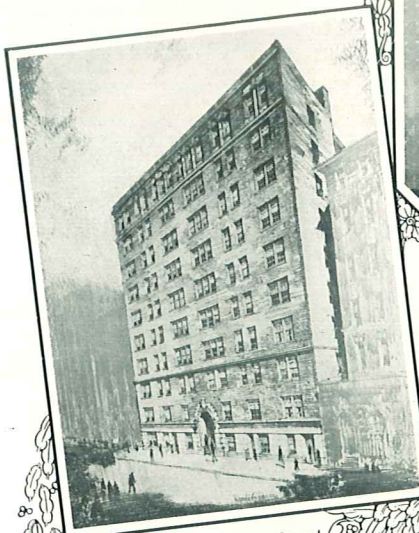
Alden House
Larchmont, N. Y.



825 Fifth Avenue
New York



The Windermere Hotel
West End Ave. at 92d Street
New York



163 East 81st Street
New York



1035 Park Avenue
New York



Ritz Tower
Park Ave. at 57th Street
New York

*These Buildings
are equipped*

*with our
Radiator Cabinets*

And many other prominent Apartments, Hotels and Residences

Tuttle & Bailey Radiator Cabinets

EXPOSED radiators need no longer hamper your decorative plans.

Tuttle & Bailey Cabinets not only conceal them—they transform radiator space into lovely, useful objects that contribute much to a room's appearance. These Cabinets really *are* a new type of high-grade furniture—serviceable window

seats and console shelves, the outward expression of our eighty-three years' experience in the Heating and Ventilating Fields.

While Tuttle & Bailey Radiator Cabinets are decorative furniture, they have also many practical benefits:



Heat is distributed

By directing the flow outward, instead of allowing it to rush upward, more heat is utilized in the living part of the room; for ordinarily the air at the ceiling is 10 to 20 degrees warmer than at the floor.

Temperature regulated

The temperature can be regulated by the hinged and adjustable top, which if open, induces a faster flow than from a bare radiator—thus providing *more* heat for extreme weather.

Cleanliness promoted

The currents of heated air being directed *out* into the room, the walls and curtains are free from the usual streaks and soil above a radiator.

Health conserved


Moisture from the humidifying pans will lessen the likelihood of head, throat and lung diseases, a menace of the super-dry air in buildings heated by steam, hot water and vapor systems.

Furniture preserved

A higher degree of humidity will prevent the woodwork and furniture from settling and cracking and the books from drying out, for the excessively dry heated air of winter time robs moisture from every source.

And waste space utilized

All the year round these Cabinets give more usable space—a cosy window seat over the radiator or a useful console shelf.

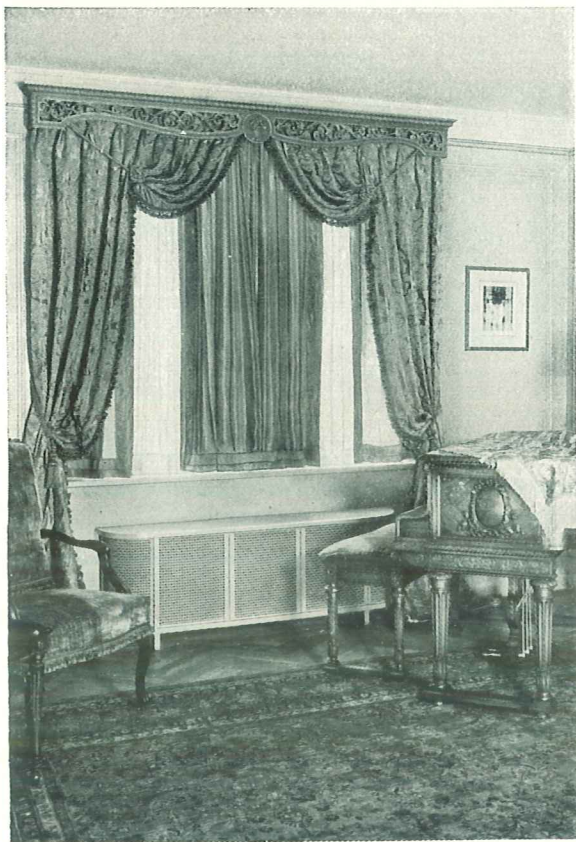


STANDARD stock sizes of Radiator Cabinets are not practicable if radiators are to be “fitted” properly. The surrounding conditions, such as length and height of window sills, valves and piping, finish of woodwork and furniture, etc., etc.—all must be considered. Satisfactory

results *are* assured with Tuttle & Bailey Radiator Cabinets for they are specially made for each radiator.

We shall welcome a request to measure your radiators and submit an estimate for covering them, properly and artistically.

Several styles are illustrated in color on pages ten and eleven



The Raleigh

in a Fifth Avenue apartment
NEW YORK



We believe that the Raleigh style is the finest covering for radiators yet devised. Its construction has the approval of Engineers and its flowing graceful lines the appreciation of Interior Decorators.

With our "true wood" finishes, hand grained to simulate the hard woods or in dainty flat colors, the Raleigh is a most attractive bit of furniture.



A Raleigh in old ivory finish is shown on page ten and for high radiators on page sixteen.

Description of Tuttle & Bailey Radiator Cabinets

TUTTLE & BAILEY Radiator Cabinets are made entirely of fine furniture metal. Therefore, they will not, like wood enclosures, warp or crack from the constantly changing temperatures of summer and winter. Skillfully designed for graceful effects, they are so constructed as to make strong and rigid seats and shelves.

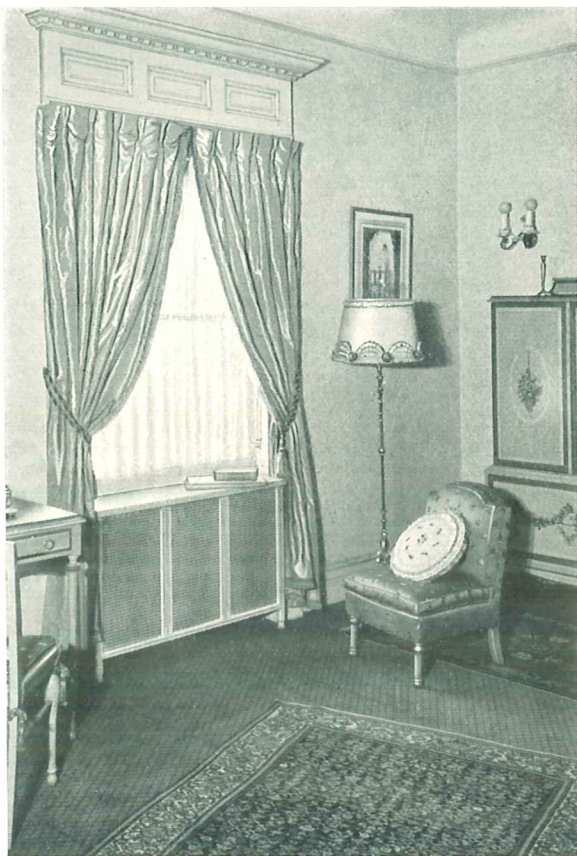
All styles have backs to act as deflectors of the heat and to preserve the walls and curtains from radiator soil. The tops are solid and hinged to open, thus giving ready access to the valve and humidifying pan, and making it easy to clean the radiator.

As specialists for many years in making heating and ventilating equipment, we have naturally given careful attention to the circulating efficiency, so that the Cabinets will not reduce the flow of heat. The "adjustable" top, originated by us, conveniently controls this flow, and when open effects a flue-like action that according to disinterested authorities* will actually increase the circulation of the heated air.

Each Cabinet is equipped with a humidifying pan, and with adjustable legs to allow for any unevenness of the floor.

* Professor H. Vandervoort Walsh of Columbia University, in Arts and Decoration.

Choice of Finishes on page eighteen



The Villa

in a prominent residence

BROOKLYN



The reinforced steel tubing construction of our Raleigh is exemplified in our Villa style, with square ends, for the many rooms or windows requiring straight lines. The ends of the Villa have solid metal panels.

Both the Raleigh and Villa are used in many prominent buildings—a few of them being pictured on page two.



A Villa in green finish is shown on page eleven and for high radiators on page sixteen.

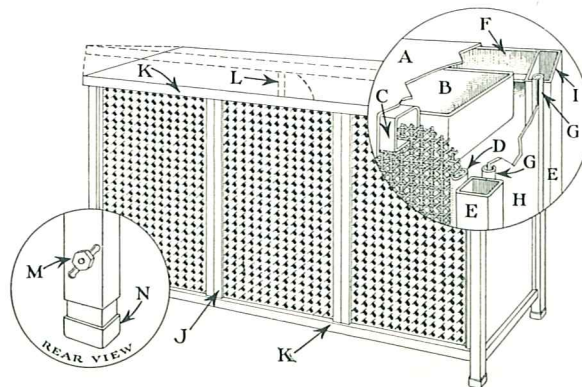
Skyscraper Construction of Raleigh and Villa

WHEN it is realized that *properly* built radiator enclosures will last as long as the building, how unwise it appears to save a few dollars on inferior construction and poor light material.

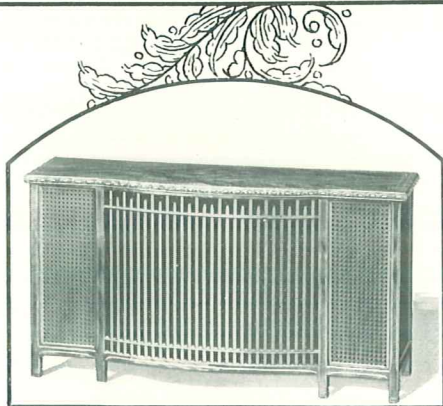
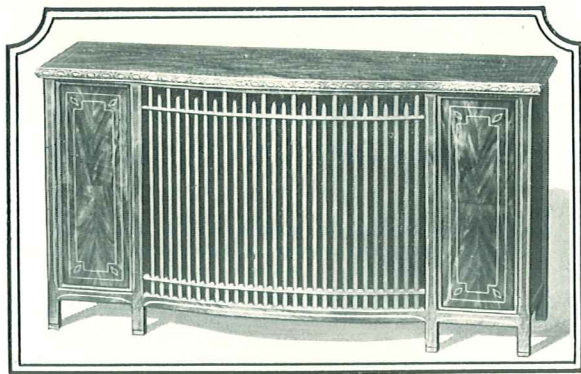
- A. Hinged top of No. 14 gauge furniture metal.
- B. Humidifying pan of galvanized iron.
- C. Reinforced steel tubing, slotted to hold grilles securely.
- D. Steel moulding, slotted to hold grilles securely.
- E. Reinforced steel tubing.
- F. Heavy formed iron crossbar makes back as rigid as front. Top is hinged to this crossbar.
- G. Steel moulding, slotted to hold ends.
- H. Ends solid (ends and back are No. 18 or No. 20 gauge, depending on size of Cabinet).
- I. Corner joints mitred.
- J. Mullions of steel tubing, slotted to hold grilles securely.
- K. Crossbars of steel tubing, slotted to hold grilles securely.
- L. Swivel "catch" to hold top open for increased circulation.
- M. Slot and nut on back of legs for adjusting height.
- N. Adjustable leg.

There are no rivets, bolts or nuts to work loose, no joints or seams to open from jarring or the dry heated winter air, for all is fine furniture metal, spot welded together.

Raleigh has curving ends—with Grilles.
Villa has square ends—solid panels.



Choice of Grilles on page nineteen



The Beaux-Arts

*Introducing a new
Style*



The unmistakable lines of fine furniture are evident in this new and exclusive style.

A modification of the Villa, its construction is exactly the same except for the bowed front.

This design allows considerable latitude in grille effects. The larger picture shows solid panels on each side of the Rod Type grille, and the other illustrates the use of Steelcane grille in these side panels.

However, any of our grilles may be used or any combination of them.



The Beaux-Arts illustrated, is finished in French Walnut (shown in color on page eleven), and is also attractive in light tints.

Pioneering in Covering Radiators

“**R**ADIATOR Enclosures, commonly supposed to retard the circulation, therefore the flow of heat, *could* be so designed as to increase that flow, or at least utilize to better advantage the heat thrown off by the uncovered radiator.”

Such was our conclusion after an examination of the subject, made prior to offering our all metal Radiator Cabinets to the householder. We found that most enclosures are designed and built by those who have neither technical training nor actual experience in heating and ventilating.

Hesitancy to cover radiators was then based on the results from imperfectly designed enclosures.

Our Engineering Department with more than eighty years experience in heating and ventilating drew up certain specifications for our various styles:

ample space below for ingress of cold air off the floor, solid back and ends to deflect air currents out into the room,

grille area as high as possible to prevent pocketing of heated air under top,

strong angle bar across back to hinge top to and keep same rigid,

top hinged for convenience in cleaning radiator, filling humidifier and adjusting valves,

catch to hold top part way open for increased heat for cold mornings and zero weather,

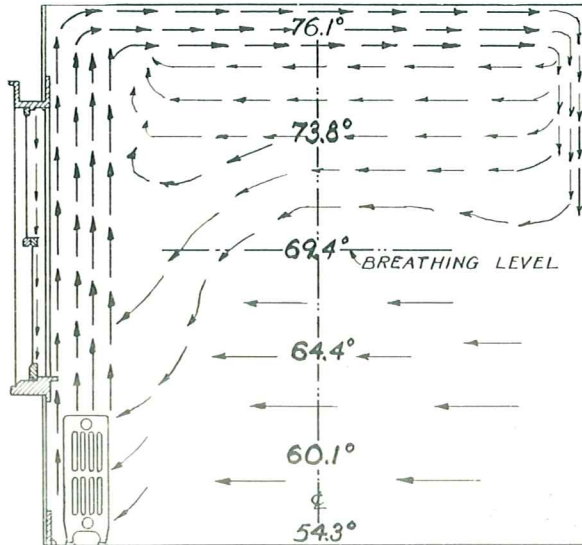
light weight humidifier that could be easily removed for cleaning,

adjustable feet, permitting cabinet to be always level.

Most of these features were originated by us.

Where Does Your Heat Go?

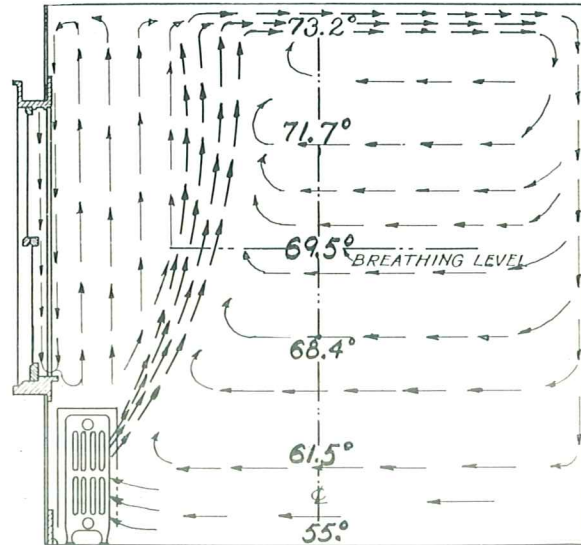
†Figure 38 (page 66)
Temperatures shown at different levels
Steam condensed 5.44 lbs. per hour



With radiator left uncovered

Figure 38 shows movement of air in a room with an uncovered radiator. A column of heated air carrying an accumulation of dust, ascends along wall and draperies and much of this dust clings to them (radiator smudge). The heat rises rapidly and remains mostly in the upper part of the room, with evidence of lower temperature and poor circulation in the living zone.

†Figure 39 (page 67)
Temperatures shown at different levels
Steam condensed 4.89 lbs. per hour



Covered with approved enclosure

The benefits of a proper radiator covering are apparent in Figure 39. Now the heated air, deflected from wall and draperies is more generally diffused throughout the room. With lower temperature at the ceiling and higher temperatures and better circulation in the living zone, both comfort and health are served, and with a saving of fuel as shown by the steam condensation.

Greater Comfort—Important Savings

THE assurance of our Engineers that the construction they specified would result in better distribution of heat, with consequent economy in fuel and decorating, has now been confirmed by the Engineering Department of a leading University.

From their conclusions (page 68), based on tests of various models, we quote:

"The use of a properly designed radiator enclosure or shield, results in a gain in steam economy, and equally or more satisfactory air temperature conditions in the room as compared with those obtained by the use of an unenclosed radiator."

"A properly designed enclosure or shield should offer a minimum of resistance to the flow of air over the radiator under gravity head, and should protect the wall

*University of Illinois Engineering Experiment Station.

back of the radiator against the effect of direct radiation from the radiator."

"It should have the top of the opening in the face of the enclosure as high as possible, and permit free access of air over the lower half of the radiator, especially near the floor."

Our standard design submitted for test to these authorities, in comparison with the radiator uncovered (under the same conditions) produced an increase of temperature in the living zone of the room, decreased the temperature above the 6½ foot level and condensed over 10% less steam—proving that among other benefits, Tuttle and Bailey Radiator Cabinets give more comfort with less fuel.

†References above are to their Bulletin No. 192.



The Antoinette

in a suburban residence

PHILADELPHIA



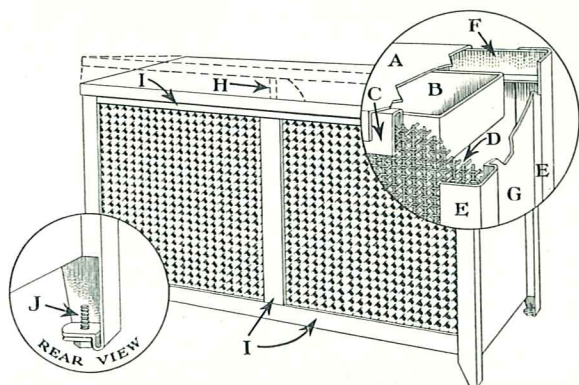
There is a place for a radiator covering, sturdily made, nicely designed and expertly finished, at a cost less than our Raleigh and Villa.

The Antoinette Style, offered to meet this justifiable demand, has found a host of well pleased users throughout the entire country.



An Antoinette in American Walnut is shown on page ten and for high radiators on page sixteen.

Sturdy Construction of the Antoinette



Body parts are welded together

NO Tuttle & Bailey Radiator Cabinet should be classed with the many "sheet metal" enclosures that are offered at prices that preclude a necessary factory cost for efficient construction and furniture finish.

- A. Hinged top of No. 14 gauge furniture metal.
- B. Humidifying pan of galvanized iron.
- C. Reinforced steel tubing to hold grilles securely.
- D. Grille.
- E. Pilasters pressed out of heavy metal end.
- F. Strong formed steel crossbar to make rigid back. Top is attached to this crossbar with invisible hinges.
- G. Panel pressed out of heavy metal end.
- H. Swivel catch to hold top open for increased circulation.
- I. Crossbars and mullions of reinforced steel tubing.
- J. Adjusting device for leveling Cabinet.

Choice of Finishes on page eighteen



The Regina

*in a Park Avenue Apartment
NEW YORK*



Regina and Putnam are durable furniture metal cabinets in good taste for those who want low priced, yet really good, metal radiator enclosures.

We believe they are without a peer for strength, appearance and finish.

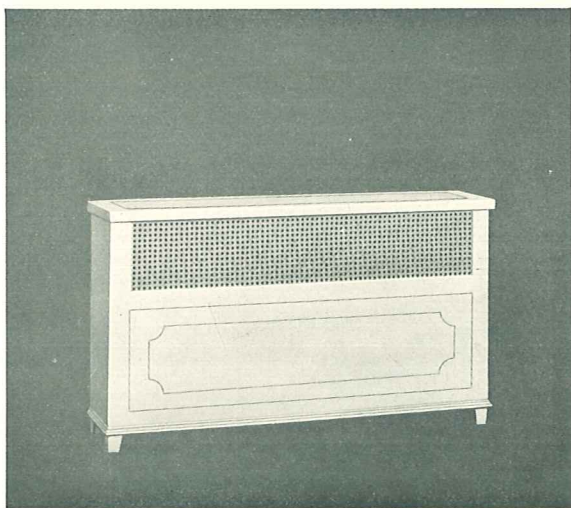
As only the upper part of a radiator gives off heat, the smaller grille area of these cabinets need not be a deterrent in choosing them.



Regina and Putnam are shown in color on pages ten and eleven.

The Putnam

illustrated in silhouette



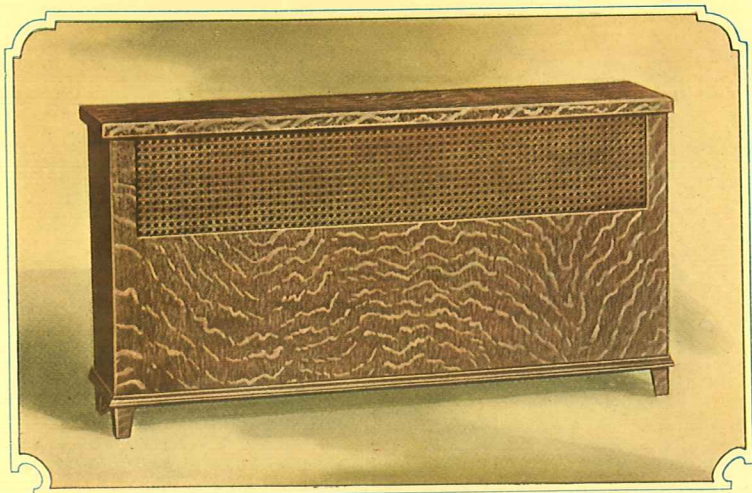
THE Regina and Putnam have the same practical features of our other styles: the water pan for healthful humidity, the solid back for prevention of radiator smudge and the hinged and adjustable top for ready control of the flow of heat.

The bodies, made of single piece, heavy formed furniture metal, cannot bend, sway or rattle and our superior finishing methods and materials are used also for these two Cabinets.

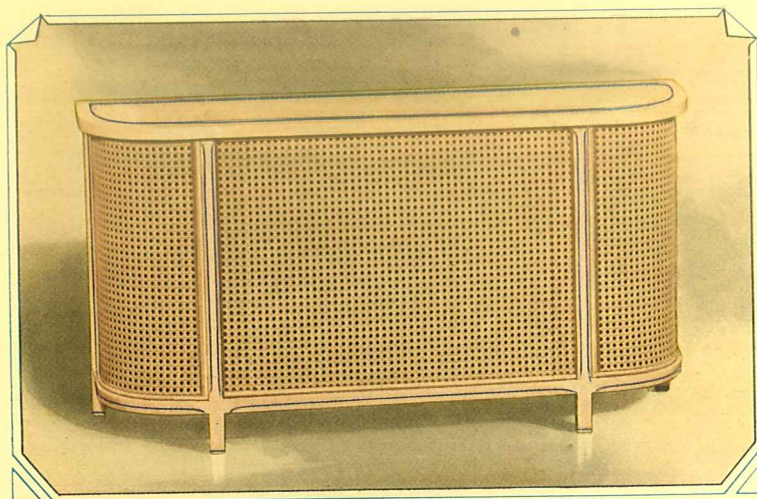
For more decorative effects any of the ornaments shown on page 18 can be affixed to the grilles, or decalcomania designs in great variety applied to the bodies of the cabinets.

Choice of Grilles on page nineteen

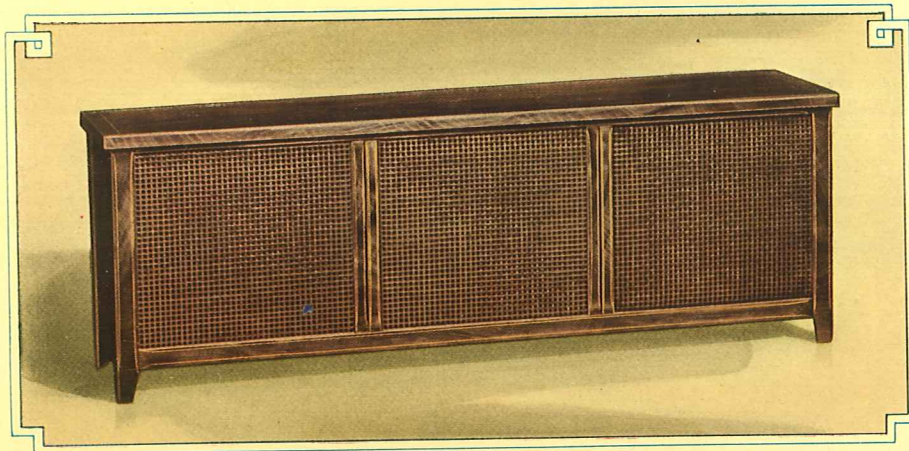
*Some
of Tuttle
Radiator*



The Putnam—Oak Finish



The Raleigh—Old Ivory Finish



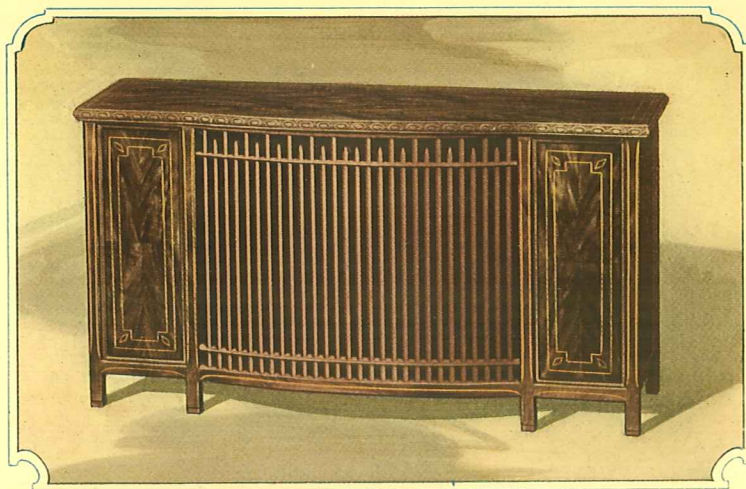
The Antoinette—American Walnut Finish

Above are close
a few of our s

Size and numb
be determined l

Style names register

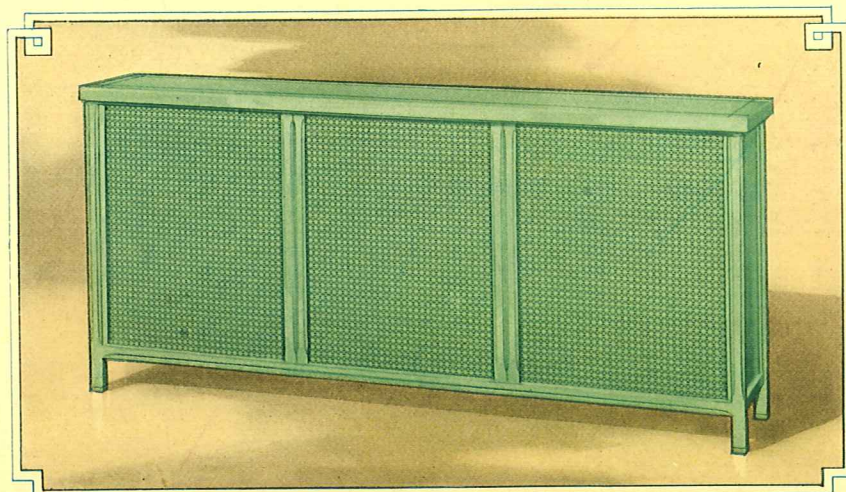
Styles & Bailey Cabinets



The Beaux-Arts—French Walnut Finish



The Regina—Red Mahogany Finish



The Villa—Our Standard Green Finish

reproductions of
standard finishes.

of panels will
by our designers.

The Gramercy

*Introducing a new
grille design*

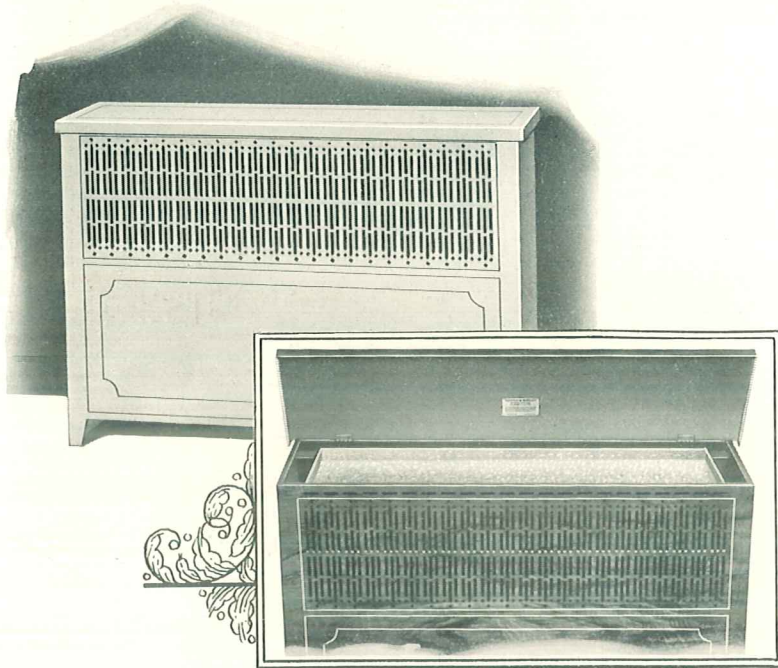


The Gramercy with our new grille offers a most satisfactory covering with a simpler construction than used in our Raleigh and Villa Styles.

The Front (including grille) and ends are formed from a single piece of furniture metal and the Top, reinforced against sagging is amply strong to use as a seat.

Body welded—no bolts nor nuts to become loose—no possibility of swaying nor creaking.

The distinctive grille design is dainty in appearance with sufficient opening to insure full flow of heat.



The Uncovered Radiator Is Out!

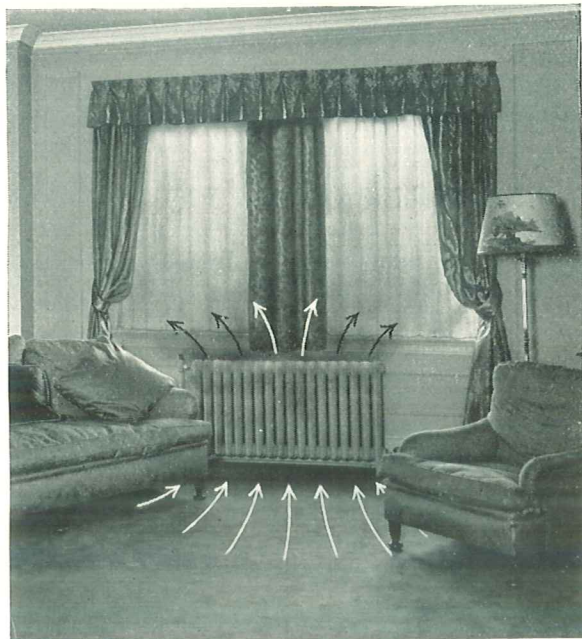
THE uncovered radiator is out of vogue—and fashion's decrees are adamant—but in this case at least, they are highly practical, for what has always been a decorative discord is now converted into a charming home appointment by Tuttle & Bailey Furniture for radiators.

Wasted radiator space becomes highly useful, for this new furniture assumes various modern forms, such as window seats, book and bric-a-brac shelves, and consoles, and each Cabinet is a dignified unit of furniture suited for select homes. Although generally acknowledged that

the radiator should be concealed, a word of caution is needed. Just *any* covering will not do. Disappointment has followed enthusiastic but ill judged buying of enclosures that are inefficient or cheaply made; enclosures poorly designed or finished which actually detract from the room's appearance.

The astute buyer notes the many well made styles we offer, the service of our representatives trained to suggest and plan and our long time reputation in the building field for good work and fair dealing.

A Pertinent Question



Before



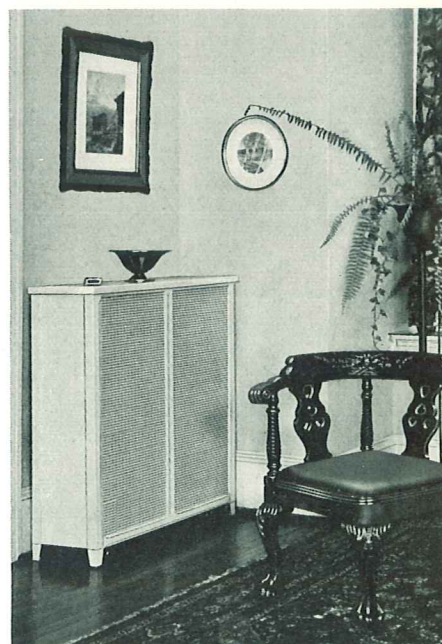
Before

Why!

Suffer the conditions above every winter



After



After

When!

Tuttle & Bailey Radiator Cabinets will prevent them



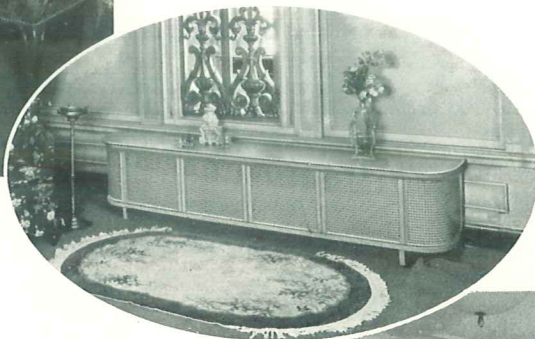
A Longacre in an Executive Office.

The Longacre

The Longacre style, with its rugged construction and neat square mesh grille, is well adapted for commercial premises.

Tuttle & Bailey Radiator Cabinets in the various styles, are installed in many prominent offices, show rooms and stores, where they save valuable space and add greatly to the general appearance.

Favorable impressions of business premises and equipment, make a difference in the sales total.



A Raleigh in the Studio of a famous Decorator.



A Villa in a Director's Room.



An Antoinette in a President's Office.

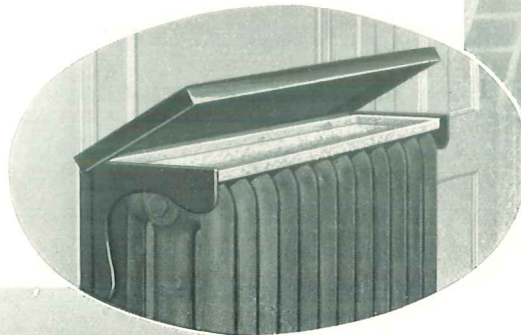
Radiator Shields

TUTTLE & BAILEY Radiator Shields are expertly made of fine furniture metal and each has a pan for water and a hinged top. The pan can be lifted out to be cleaned, and the dirt found there each winter week will prove their value as a dust catcher.

Redecorating is needed, largely because of *uncovered radiators*, for the cold and dust-laden air along the floor is drawn to the radiator, reheated and then rising rapidly, smudges the walls or soils the curtains above. Often an entire room is re-decorated because of this streak of dirt, and curtains and draperies are laundered or dry-cleaned with a frequency that quickly wears them out.



*Humidifying pan in each.
Long metal back for wall
protection.*



*Top opens on hinges.
Scroll ends for neat
appearance.*



Humidity and Health

“**I**T has been estimated that the air in the average steam-heated room is dryer than that which blows off of the hot desert. Such air will rob moisture from whatever it can . . .”—Professor H. Vandevoot Walsh of Columbia University in ARTS & DECORATION.

Super-dry heated air takes moisture from wood cells, causing shrinkage with consequent settling and cracking of trim, doors and furniture. Of still greater menace, such dry air draws moisture from delicate membranes of nose and throat, leaving susceptibility to colds and throat diseases, especially in children.

To maintain a higher degree of humidity, each Tuttle & Bailey Radiator Cabinet and Shield has a receptacle for water, easily filled by raising the hinged top.

Choice of Finishes on page eighteen



Antoinette—High Size

For High Radiators

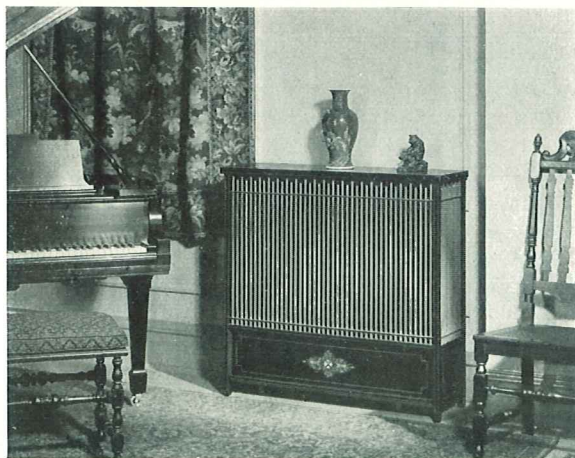
RECOGNIZING that high radiators are so very obtrusive as well as so largely responsible for soiled walls, we have given particular attention to their concealment, and these illustrations, all made from photographs will, we hope, be helpful to others with similar problems.

The Cabinets on this page are covering 38 inch high radiators.

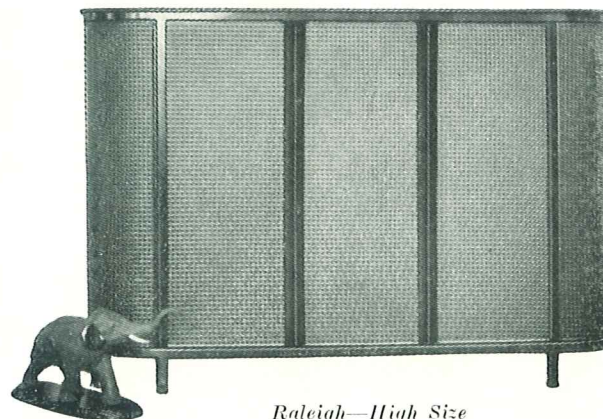
Consoles are Cabinets with solid panels below grilles.



Villa Console



Villa Console—Rod Type Grilles



Raleigh—High Size



The difficult problem of covering three radiators placed under these windows and preserving the curve of the bay, was met by making our Raleigh in curved sections, and fitting Top to window trim and ends to wood dado.

Special Construction

RADIATORS oftentimes are placed in recesses and corners, around bay windows or in other places which preclude the use of standard construction.

This house, with more than eighty years' experience in devising and building heating and ventilating metal specialties, is unusually well prepared to cope with all conditions of radiator concealment.



This radiator is well placed to save room, but very obtrusive as left by the builder.



Our Villa style, carefully fitted to the baseboard, effects a great improvement.



Radiation extends around four sides of this Sun Porch and our Villa construction was made in seven sections, necessitating "cabinet work" fit at corners.

Choice of Finishes

OUR "true-wood" finishes for Cabinets and Shields are so fine as to satisfy the most discriminating taste, and they have met the severe test of association with artistic woodwork and furniture in many fine homes. Fine finishes are most important for metal furniture.

A ground coat is baked on at high temperatures which gives a firm base for our many beautiful lacquer finishes of several coats, or for finishing by the decorators. Our exact imitations of hard woods are achieved by "hand graining".

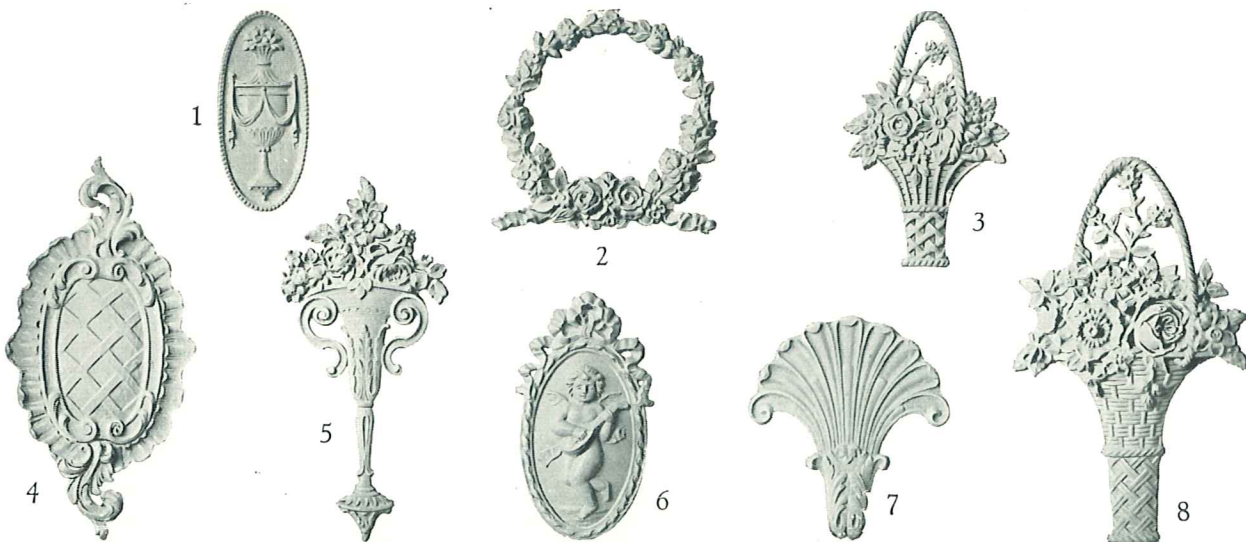
The standard finishes we offer comprise such a wide variety that our Radiator Cabinets can be harmonized with almost every interior without the added cost of matching samples.

Group 1 (Grained wood reproductions)		Group 2 (Enamels)	
Finish	Striping	Finish	Striping
American Walnut	Gold	White (oyster)	Blue
French Walnut	Gold	Cream	Blue
High Lighted Antique	Green	Ivory	Blue
Red Mahogany	none	Old Ivory (Entire Cabinet Antiqued)	None
Brown Mahogany	none	Green	Gray
Golden Oak	none	Gray	Gold

Striping as listed is optional without extra cost, but will be applied as in above schedule *unless ordered otherwise*.

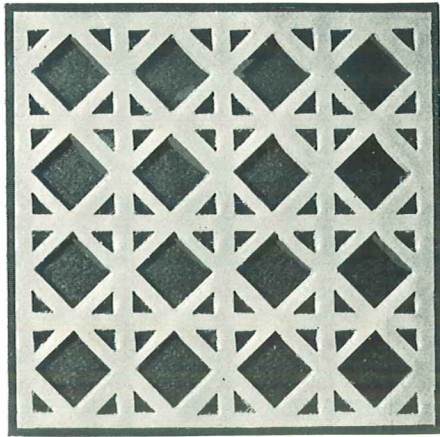
Radiator Cabinets will be finished to match sample, or in Priming coat for finishing by buyer.

Choice of Ornaments

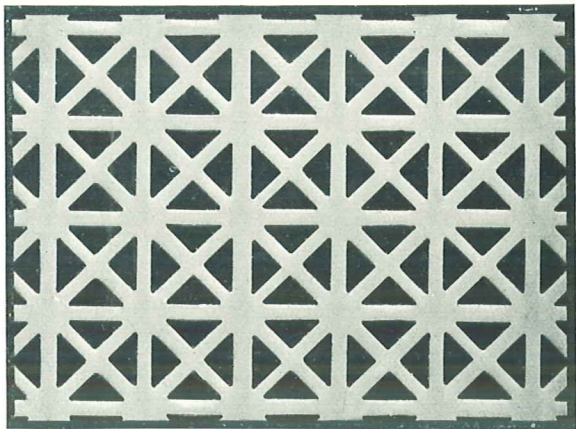


Any of these ornaments, attached to the grilles, will give greater decorative effects, and should be selected to harmonize with the other furnishings of the room. Decalcomanias can be furnished in many different designs, and a small extra charge is made for both the Ornaments and Decalcomanias.

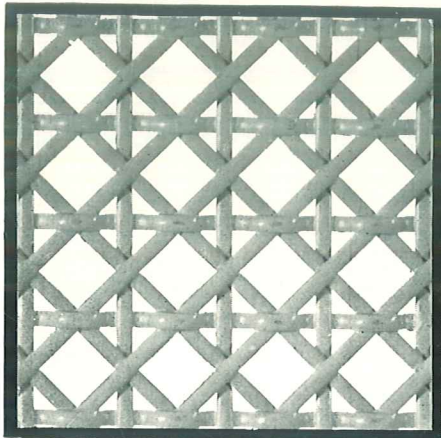
Choice of Grilles



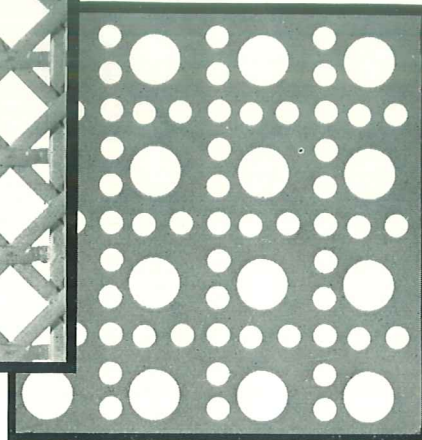
Wiscane



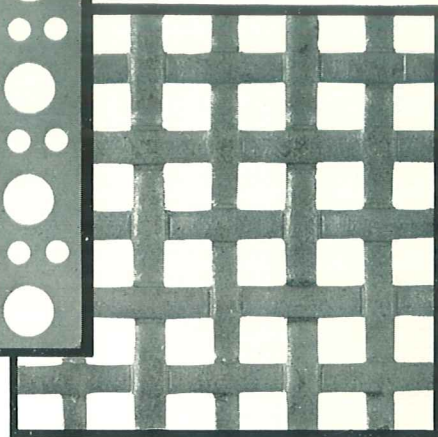
Greco-Grille



Steelcane (woven)

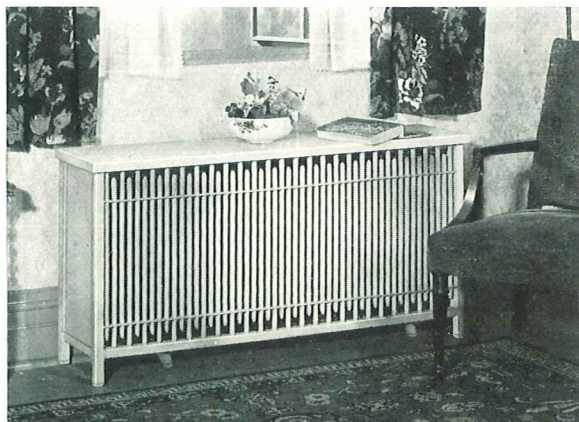


Imitation Cane



Basket Weave

Designs are shown in actual size except Rod Type in which Bars are $\frac{1}{2}$ -inch apart.



Rod Type Grilles are shown in the Villa style Radiator Cabinet at the left.

Our standard Rod Type Grille is staggered at the top only, as shown in the Villa Console on page sixteen, and that construction will be furnished unless ordered otherwise.

This grille can be staggered at both top and bottom, if so desired, and will then be like the grille in the illustration at the left.



Ferrocraft Cast Grilles

Illustrating the use of Ferrocraft Cast Grilles to hide radiators recessed under windows.

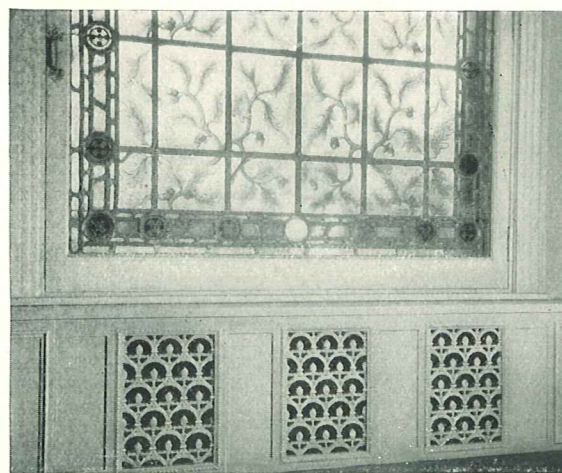
The Living Room T&B Design No. 121

FOR many years, indeed since radiators came into use, this Company has furnished metal grilles to conceal them when recessed in the wall.

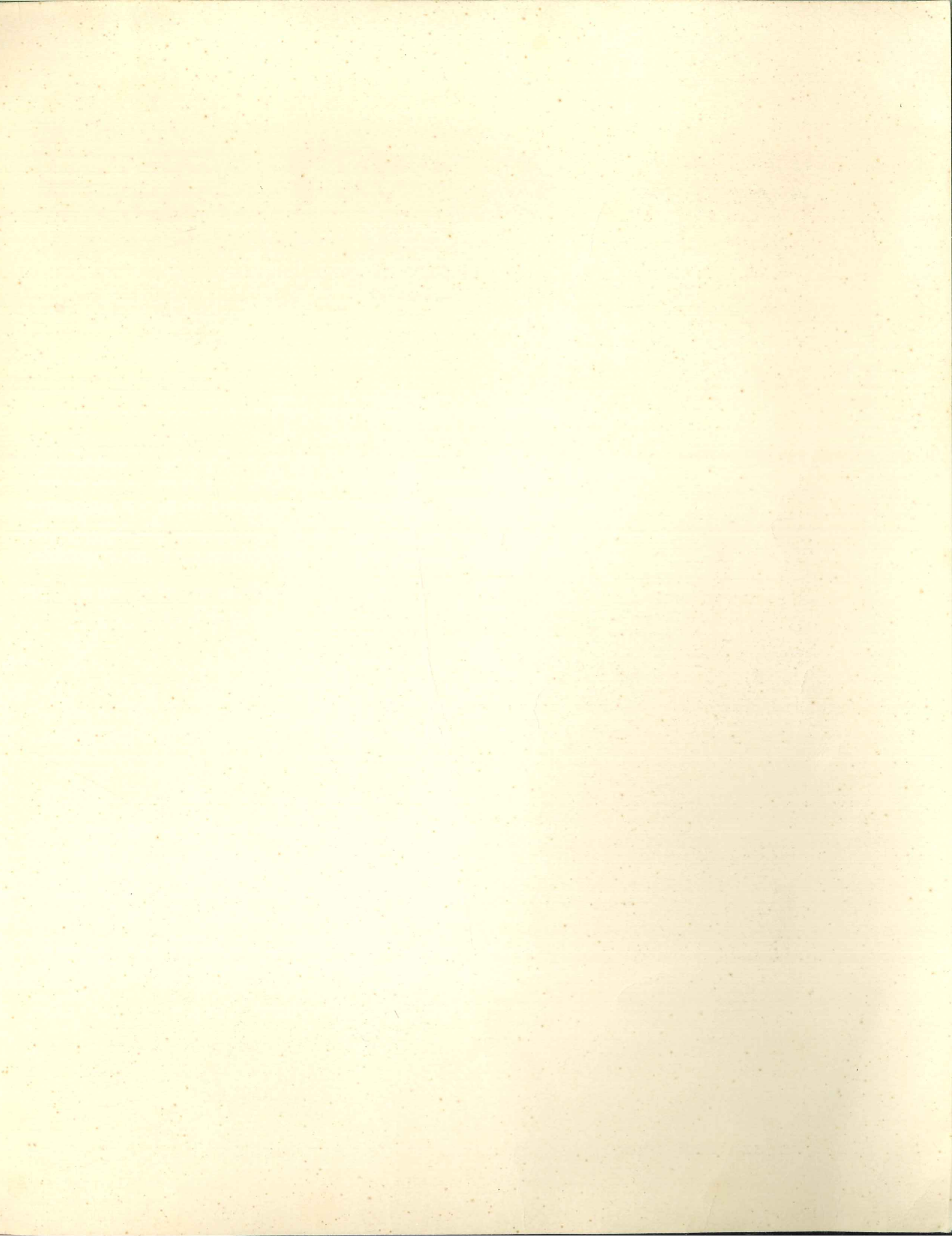
Some have been perforated metal grilles, that is, machine stamped with dies from sheets of steel and bronze.

Others have been foundry made, that is, cast in molds, of iron and bronze metals, in a variety and beauty of design, hand chased for perfection of line, that revives the art of the craftsman of the Middle Ages.

To these cast grilles we have given the trade-mark "Ferrocraft" and Architects and Decorators use them in Period designs and rare finishes for their finer work.

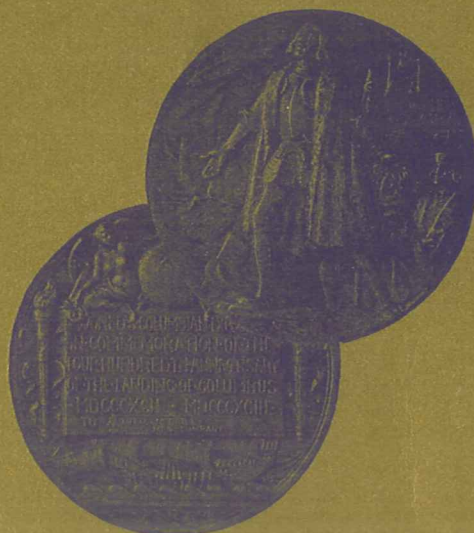


The Hall T&B Design No. 27





HIGHEST AWARD
PHILADELPHIA, 1876
CENTENNIAL EXPOSITION



HIGHEST AWARD
CHICAGO, 1893
WORLD'S COLUMBIAN EXPOSITION

TUTTLE & BAILEY MFG. CO.

Established 1846



HIGHEST AWARD
PARIS, 1900
INTERNATIONAL EXPOSITION



HIGHEST AWARDS
GENERAL EXCELLENCE AND DECORATIVE EFFECTS
ST. LOUIS, 1904
LOUISIANA PURCHASE EXPOSITION